

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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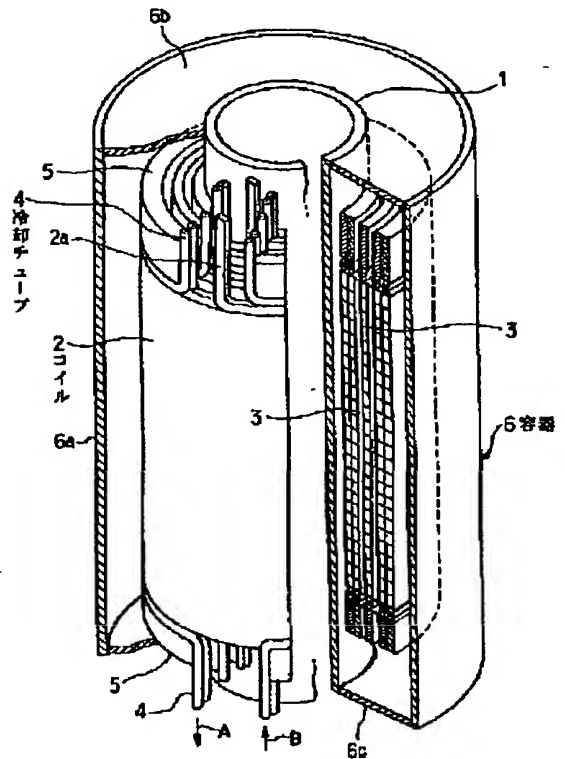
APPLICATION DATE : 23-07-93  
APPLICATION NUMBER : 05182287

APPLICANT : TOSHIBA CORP;

INVENTOR : NAGATA YASUFUMI;

INT.CL. : H01F 27/10 H01F 41/04

TITLE : STATIONARY INDUCTION  
EQUIPMENT WINDING AND ITS  
MANUFACTURE



ABSTRACT : PURPOSE: To improve cooling of a coil by applying a thin insulating cooling tube.

CONSTITUTION: At the top and bottom edges of each layer of a coil 2, polyvinylidene chloride cooling tubes 4 approximately 0.1mm thick are adhered, and cooling medium for cooling the coil 2 is permitted to communicate in each cooling tube 4. The coil 2 and the cooling 4 are covered with a silicone gel insulating layer. The insulating layer is formed by storing the coil 2 mounted with the cooling tubes 4 in a container 6, applying pressure in the cooling tube 4 and filling and hardening silicon gel in the container 6.

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